

## ABSTRACT

A ceramics sintered material cutting tool, characterizing in that it has a dislocation structure which formed on the surface thereof in a straight line from and distributed uniformly in a dislocation density of  $1 \times 10^4$  to  $9 \times 10^{13} \text{ cm}^{-2}$ . The cutting tool is improved in a fracture toughness value and the resistance to thermal shock and thus has a prolonged life. The above cutting tools include, in particular, a twist drill and a throw away tip.